Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

Bill Type. *2nd and Final* (For Other Works) Date...../...../2019

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Byatarayanapura**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional Work Code: **006-19-000031**

Schedule Docket No. Head of Account: 3158 Est.Cost: **200.00 Lakhs** D.R.No. :

Name of Work (As per sanctioned Estimate): **Improvements to Drains (Concrete Drain) and Comprehensive development of roads from 12th A Cross to 20th R Cross Bhuvaneshwarinagra near Coffe board park ward no. 06 Byatarayanapura Assembly consituency (near Coffe board park)**

Name of Contractor and Full Address : **M/s Executive Engineer, KRIDL, No. 280, 59th Cross, 17th C Main, 3rd Y Block, Rajajinagara, Bangalore-560010**

Reference to Agreement No. **BBMP/EE/BTP/WO/254/2018-19** Date: **02.03.2019**

Certified that the measurements were taken by me on 21.01.2020 and abstract recorded of Pages. **264512 to 264525** of measurement Book No **2646/2015-16** and that the work is satisfactorily executed.

Assistant Executive Engineer, R.R. Nagar Sub-division, KRIDL, BBMP, Bangalore

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 21/1/2020 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	Total 1976312=00
2)	Deduct amount to be held in reserve being .....percent Rs.....	Amount
3)	" Balance	1st & part 1733213=00
4)	Deduct Payment:	
a)	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of	2nd & Final 242918=00
b)	Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	IT 24292=00 CGST 21689=00 SGST 21689=00 C&F 2430=00 LWF 24292=00 LR 19455=00 Fine 2500=00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	1163487=00
	Net	2312834=00

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

P-3158 242918=00 ರಂತೆ ಪಾವತಿ ಮಾಡಿದೆ.
ಇದರಲ್ಲಿ ಟಿ.ಡಿ. 116347=00 ಕಡಿತ ಮೊಂಡಾಣಿಕೆ
ಮೊತ್ತವಾಗಿ ರೂ 2312834=00 ಗಳನ್ನು

RTGS/NEFT/ಗಾಗಿ ಸಂಖ್ಯೆಯಂತೆ ಸಿಡಿಪಾಗಿದೆ
3-3-2020

Witness
1.
2.

Stamp

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Initials of Officer making payment

Executive Engineer

Sl. No.	Descriptions
1	KSRRB 300-51: scarifying bituminous course 50mm to 75mm thick along with premix carpet/surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris within a lead of 100 meters including cost of all labour charges, HOM of machineries complete as per as per specifications and directions of engineer in charge of the work
2	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per as per specifications and directions of engineer in charge of the work
3	Removing B.S Slab of Drain and stacking complete as per as per specifications and directions of engineer in charge of the work
4	Refixing stone slabs of drains and pointing in C.M (1:3) complete as per as per specifications and directions of engineer in charge of the work
5	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete as per as per specifications and directions of engineer in charge of the work
6	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 1:4:8 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per as per specifications and directions of engineer in charge of the work
7	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per as per specifications and directions of engineer in charge of the work
8	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per as per specifications and directions of engineer in charge of the work
9	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per as per specifications and directions of engineer in charge of the work
10	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per as per specifications and directions of engineer in charge of the work

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
Sqm	5497.92	227284.00	2052.86	41.34	84865.00	7550.78	312149.00	
Cum	776.86	107051.00	0.00	137.80	0.00	776.86	107051.00	
Sqm	1565.12	164244.00	473.85	104.94	49726.00	2038.97	213970.00	
Sqm	1565.12	174198.00	473.85	111.30	52740.00	2038.97	226938.00	
Sqm	639.28	474346.00	194.00	742.00	143948.00	833.28	618294.00	
Cum	153.04	827659.00	0.00	5408.12	0.00	153.04	827659.00	
Sqm	26.71	130125.00	0.00	4871.76	0.00	26.71	130125.00	
Sqm	15.03	87354.00	0.00	5811.98	0.00	15.03	87354.00	
qm	972.52	301014.00	0.00	309.52	0.00	972.52	301014.00	
um	109.23	614696.00	0.00	5627.54	0.00	109.23	614696.00	

Sl. No.	Descriptions
11	KSRB 15.1.3: Providing FLush pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per as per specifications and directions of engineer in charge of the work
12	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per as per specifications and directions of engineer in charge of the work
13	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per as per specifications and directions of engineer in charge of the work
14	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per as per specifications and directions of engineer in charge of the work
15	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab complete as per as per specifications and directions of engineer in charge of the work
16	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete as per as per specifications and directions of engineer in charge of the work
17	KSRB 15-17.5: Applying **priming coat** over new wood surface and / or wood based surface preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per as per specifications and directions of engineer in charge of the work
18	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with **enamel paint** to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per as per specifications and directions of engineer in charge of the work

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
Sqm	37.1	8298.00	0.00	223.66	0.00	37.10	8298.00	
Cum	137.3	823600.00	0.00	5998.54	0.00	137.30	823600.00	
onne	9.03	679272.00	0.00	75223.96	0.00	9.03	679272.00	
Sqm	465.6	450105.00	0.00	966.72	0.00	465.60	450105.00	
qm	1593.72	3346812.00	0.00	2100.00	0.00	1593.72	3346812.00	
qm	3935.11	1701856.00	0.00	432.48	0.00	3935.11	1701856.00	
qm	531.24	28156.00	0.00	53	0.00	531.24	28156.00	
m	531.24	34913.00	0.00	65.72	0.00	531.24	34913.00	

Sl. No.	Descriptions
19	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per as per specifications and directions of engineer in charge of the work
20	KSRRB 500-4: providing and applying primer coat from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per as per specifications and directions of engineer in charge of the work
21	KSRRB M500-19: providing and laying **bituminous concrete** 40mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 500.9 complete In all respects as per specifications. MORTH specification 30-45mm compacted thicikness (GradingII) With 6% bitumen 80/100, complete as per as per specifications and directions of engineer in charge of the work
22	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per as per specifications and directions of engineer in charge of the work
23	KSRRB M100-2. Loading and Unloading of stone boulders by manual means complete as per as per specifications and directions of engineer in charge of the work
	Total
	For 12% Applicable GST
	Add 3% KRIDL Charges
	Add 1% Labour Cess
	Grand Total
	Deduct 1st & Part Bill Paid
	Net Payable

CERTIFICATE

1. Certified that the above work done satisfactory.
2. Certified that the contractor removed the debries from work site.
3. There is no any materials supplied to contractor from departmentally.

Assistant Engineer
Ward No. 06

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
Cum	1263.00	2527617.00	472.16	2001.28	944924.00	1735.16	3472541.00	
sqm	5493.12	197972.00	2052.86	36.04	73985.00	7545.98	271957.00	
Cum	219.72	1948701.00	82.11	8869.02	728235.00	301.83	2676936.00	
Sqm	91.28	41509.00	34.52	454.74	15698.00	125.80	57207.00	
Cum	740.00	44711.00	0.00	60.42	0.00	740.00	44711.00	
		14941493.00			**2094121.00**		**17035614.00**	
		1792979.00			251295.00		2044274.00	
		448244.00			62824.00		511068.00	
		149415.00			20941.00		170356.00	
		17332131.00			**2429181.00**		**19761312.00**	
							17332131.00	
							2429181.00	

Assistant Executive Engineer,
Byatarayanapura Sub division
KRIDL, BBMP, Bangalore

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Byatarayanapura Sub Division